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Itinerary for Western AAA Committeemen

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Leave Jeff Davis Hotel 9:00 a.m. Montgomery - Pike Roads - 20 miles Arrive Pike Roads 9:30 a.m. Leave Pike Roads 10:00 a.m. Pike Roads - Ray's farm - 15 miles Arrive Ray's farm 10:20 a.m. Leave Ray's farm 10:45 a.m. Ray Farm - Tuskegee Institute - 20 miles Arrive Tuskegee Institute 11:15 a.m. Leave Tuskegee Institute 11:45 a.m. Tuskegee Institute-Bentley's farm 12 miles Arrive Bentley's farm 12:00 M Leave Bentley's farm 12:30 p.m. Bentley farm - Auburn - 20 miles Arrive Auburn 1:00 p.m.

Leave Auburn in afternoon for Columbus, Ga.

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FOREWORD

It is a delight to welcome you to our State. Alabama is a State of vast natural resources, as to soils, minerals, timber and waterways. The population is more than 71.9% rural. Almost the entire population is dependent directly or indirectly upon agriculture. The State has many difficult problems, such as erosion, tenancy, low income, low yields of the principal food and feed crops and a limited amount of crop land per farm person - only six acres.

Despite our many problems, I am pleased to state that commendable progress is being made in the solution of some of our most difficult ones.

Approximately 95% of our farmers cooperate with the AAA program; the FSA has developed a wonderful program to aid tenants; the SCS is now operating in seven districts comprising 37 counties; the UTD farm program made possible through cooperation of the TVA has set up demonstrations teaching sound land use and the value of phosphate in the development of the conservation programs; and the Experiment Station is conducting an extensive research program to supply information for guiding the various programs. The Extension Service, through its county agents, and the several agencies in the State are working as one great team in an effort to solve our agricultural problems and develop a program of land use which will insure our farmers greater incomes and more satisfactory and secure ways of living.

I would like to call your attention to the fact that, in each of the counties which you pass through today, U. S. Department of Agriculture and Land Grant College workers have County Workers' Councils which meet periodically. County problems and programs are discussed and procedures developed at these meetings for coordination and efficiency.

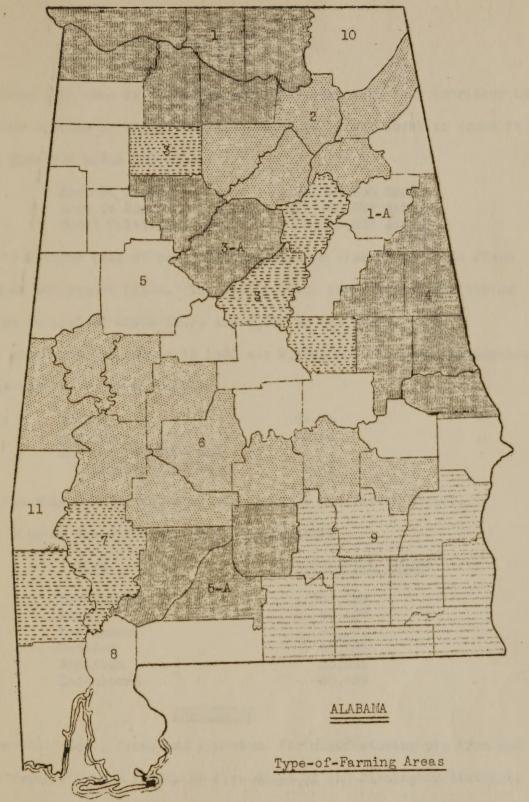
I hope you enjoy your trip through Alabama.

P. O. Davis, Director Extension Service. To the a deligate to welders, you co ber done, allowed in a construct of the state and recovered to the state and recovered to some and the state and recovered to the state and the sta

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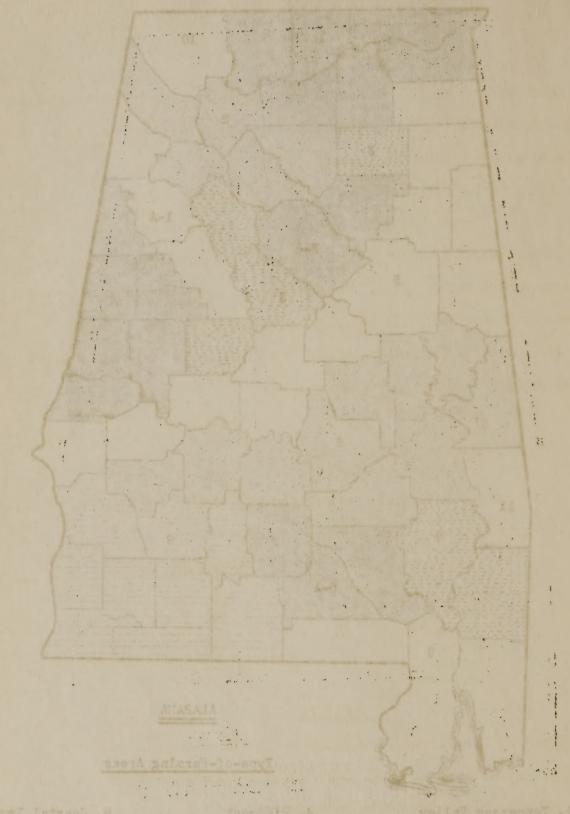
1. Tennessee Valley 4. Piedmont 8. Coastal Truc 1-A. Limestone Hills and Valleys 5. Upper Coastal Plain 9. Peanut Belt

3. Mountain Fringe 6. Black Prairie Belt 11. Southwest 3-A. Birmingham Industrial 7. Southwest Flatwoods Pineyw

2. Sand Mountain 5-A. South Central Plain 10. Jackson Upland
3. Mountain Fringe 6. Black Prairie Belt 11. Southwest

8. Coastal Truck

Pineywoods



SOME FACTS ABOUT ALABAMA

Alabama (the name is an Indian word) was organized as a territory in 1817 and made a State in 1819. Its greatest length from north to south is 330 miles; greatest width 208 miles.

Area of State	32,818,500 Acres
Area in Farms	19,660,828 Acres
Total Cultivated Area	8,146,000 Acres

It is divided into 67 counties, the minimum size of which is fixed by statute at 500 square miles. The counties are sub-divided into voting precincts or "beats" of which there are 1,335 in the State.

The estimated population in 1936 was 2,864,000. In 1930 the population was divided by races as follows:

Whites	64.3%
Negroes ·	35.6%
Indians, Chinese and	1
Japanese, less than	0.1%

Of the whites only 0.9 percent were born outside the United States.

The largest towns and cities are as follows:

TOWN	POPULATION (1930)
Birmingham	259,678
Mobile	68:202
Montgomery	66,079
Gadsden	42,585
Anniston	22,345
Tuscaloosa	20,659

INDUSTRIAL

Minerals: Coal, iron, and limestone for manufacturing pig iron and steel, are found within a radius of five miles of the Birmingham district. Alabama produces and supplies the market with iron, steel, coal, coke and by-products of steel. It has one of the largest coal fields of suitable quality for production of high-grade coke.

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Textile Mills: Textile mills employ around 38,000 people, with an annual payroll of more than 25 million dollars. It is the largest single industry in the State.

Paper Industry: Within recent years paper mills have been established at Tuscaloosa and Mobile.

<u>Water Power:</u> Electricity, furnished either by private industry or TVA, is now available to a large part of the State.

Miscellaneous: Marble, limestone, and other materials constitute some of the other natural resources. A modern dock system has been established at Mobile.

Climate: Normal annual temperature is 63.9 degrees F.; the average precipation is 53.87 inches; freezing temperature rarely continues for more than forty-eight hours.

PRODUCTION OF PRINCIPAL CROPS IN STATE

		Acres Pla	nto	d	:	Av. Yield Per Acre		
CROP	: 19	938		0 Yr. Av. 27 - '36	:	1938		10 Yr. Av.
	:	,	:		:		:	
orn		550,000		3,074,000	-	14 bu.		12.6 bu.
otton	: 2,	128;000	: 2	2,903;000	:	243 lbs.	: 1	.94 lbs.
lay	: 8	888,000	:	646;000	:	.79 T.		.72 T.
elvet beans	: 5	567:000		406,000		0		0
eanuts		536,000		434,000	37	750 lbs.		612 lbs.
owpeas		114,000				.80 T.		.77 T.
oybeans		285,000				1.05 T.		.88 T.
ats		132,000				24 bu.	To other	17.8 bu.
orghum		33,000				67 gal.		69 gal.
ugar Cane		25,000		The second secon		100 gal	*	19 gal.
heat		5,000	•	5,000		13 bu.	•	9.9 bu.

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On this trip you will see a little of three different areas, the Black Belt, the Coastal Plains area and the Piedmont area.

The Black Belt

First stop on this trip is in the Black Belt section of Alabama.

The area enters Alabama in the midwestern point and extends southeastward across the State to a point approximately 50 miles east of Montgomery, being 170 miles long with an average width of about 30 miles. The area has experienced three drastic changes. The first came with the Civil War, the second in 1914 with the advent of the boll weevil, and the third with erosion.

Once it was a leading cotton section; now it is a grass area.

Coastal Plains Area

After passing from Black Belt area the trip from Montgomery to
Auburn will be made in the Coastal Plains area, which covers almost all of
the southern one-third of the state. It has more soil types than any
other area. The nothern counties, the section through which we pass, grows
general crops, including cotton, corn, sorgo, soybeans, cowpeas, and
potatoes.

Piedmont Area

Most of the trip from Auburn, Ala., to Columbus, Ga., will be made through the southern tip of the Piedmont area of the state. This area covers most of eight counties in east-central Alabama. Its soils are the oldest in the Southland. They are well drained and are used for the production of cotton, corn, hay, wheat, sorgo, millet, peas, forestry, and pasturage.

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Tuskegee Institute Tuskegee, Ala.

One of the outstanding Negro educational institutions in the United States, Tuskegee Institute's distinctive traditions and accomplishments have made it a world-wide symbol of Negro progress. It is a privately endowed instituion which depends for the most part upon income from its endowment, but at the same time has accepted many state responsibilities. Its role as a sponsor of Negro Extension work and training vocational teachers carries with it the cooperation of various governmental agencies.

In the center of the campus, opposite Dorothy Hall, is the Keck statue of Booker T. Washington, who is symbolically raising the veil of ignorance from the brow of a Negro youth who is surrounded by the implements of various crafts taught at Tuskegee.

From its founding Tuskegee Institute has symbolized Booker T.

Washington's philosophy of education. On its campus may be found shops in which printing, leather working, tailoring, carpentry, and other crafts were centered, and truck gardens, dairy barns, poultry houses, and field which are the laboratories in agricultural education. For the most part trades education today is devoted to the training of teachers.

Tuskegee Institute pioneered in Extension work. Prior to the Federal Smith Lever Act, Booker T. Washington succeeded in getting aid for the "Jesup Wagon," a movable school which took improved methods to rural communities in the surrounding territory. (This early idea is still carried on today through the modern Booker T. Washington school on wheels which is sponsored through the Alabama Extension Service). With the passage of the Smith Lever Act there was located at Tuskegee Institute

one of the two first Negro county agents, T. M. Campbell, who is today field agent for the Extension Service of the United States Department of Agriculture in the Southeast.

The Tuskegee office of the Alabama Extension Service includes a state Negro supervisory staff and one demonstrator in rural housing. Thirty-four "teams" of Negro county and home agents are working in 40 Alabama counties. Recently there was erected at Tuskegee a building which will serve as headquarters for the field agent of the Extension Service, U.S.D.A., the offices of the state staff and offices of the Macon County staff. This building is located on a piece of property deeded to the Alabama Extension Service by the Institute.

On driving through the Tuskegee campus one will see that it has an exceptional plant for an institution of its size. One of its assets is a modern library which has some 54,000 volumes and an interesting museum devoted to Negro history. The institution is visited annually by hundreds of visitors from over the United States and foreign countries.

The Alabama Polytechnic Institute, Auburn, Ala.

Established 68 years ago as the State's land-grant college, the Alabama Polytechnic Institute has become one of the South's leading technical institutions. The regular-session enrollment for 1939-40 was 3765 students, 3179 of whom are residents of Alabama. Enrollment for the current first term of the Summer Session is 1809.

The College's greatest expansion program was completed during the past year with the erection of 14 buildings and an athletic stadium. They include five structures in a women's dormitory group, an addition to the library, veterinary classroom and laboratory building, college hospital and health center, farm engineering building, general classroom building physical training building, athletic stadium, nursery school and home management house for home economics students, and a new home for the President. The home formerly used by the president was transformed into a social center for women students. This building and the five new ones in the dormitory group form the Women's Quadrangle with modern facilities for 400 women students.

Enrollment by schools for 1939-40 follows: Engineering 981, Education 796, Science and Literature 623, Agriculture 477, Chemistry and Pharmacy 283, Veterinary Medicine 270, Home Economics 180, and Architecture and Allied arts 154.

Including the 3765 regular session students, the 1939 Summer Session enrollment of 2,179, and the enrollment in extension teaching and short courses for farmers, 4-H club boys and girls and veterimarians of 3807, the Alabama Polytechnic Institute during 1939-40 gave direct instruction to 9751 individuals.

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The Alabama Extension Service

From its early beginnings when farm and home agents went into counties to work with a few individual farm families who saw the need of finding better methods, the Alabama Extension Service has developed its program to the point where today it touches the lives of most of Alabama's 276,000 farm families. Geared to meet modern needs it has broadened its program in recent years and is now concentrating on reaching more and more people through community organizations, the press, visual education, and radio.

It has accepted the responsibility of education with the qualification that "until knowledge is applied, the job has not been done."

That Extension methods have been adopted on a wide spread scale in the State is indicated by the record in cotton. In the early 'teens the Extension Service was called upon to combat the boll weevil which threatened the agricultural economy of the State. Cotton production was not only saved but in recent years has averaged 40 to 50 percent above the pre-boll weevil average.

Cooperation with other agencies has had notable results in soil conservation in recent years. Hills once scarred by erosion are being rebuilt -- and on others, precious top soil is being kept in place through increasing emphasis upon soil building crops and terraces.

While increased production and soil conservation are vital concerns, it is around the farm family and its welfare that the Extension program is built. More indicative of its record is the number of farm families who are following a balanced farm program based upon wise use of land -- crops, livestock, and trees.

Some highlights of the Extension program:

There are 492 trained men and women in Extension work. Seventy-four of these are Negroes.

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More than 112,000 boys and girls are organized in 4-H clubs in the State.

Some 35,000 farm women are organized in home demonstration clubs.

There are approximately 600 community organizations in which farm families of the neighborhood meet together regularly to discuss mutual problems and to work together in meeting them.

The Extension Service publishes five monthly publications with a combined circulation of close to 200,000 copies, and in addition works with radio stations and newspapers in the State in carrying an educational program to the people. For the past two years it has published Handbook of Alabama Agriculture.

A current program which demonstrates the effectiveness of the Extension Service is Alabama's participation in the mattress making campaign. Approximately 185,000 applications have been received for cotton and ticking under this program in Alabama and 70,000 mattresses have already been made. The program has been organized and administered and the people taught to make mattresses through an effective working relationship with hundreds of local leaders.

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THE ALABAMA EXPERIMENT STATION Research Program

Some of the objects and purposes of the research work of the agricultural experiment stations have been stated as the making of investigations and experiments bearing directly on the production, manufacture, preparation, use, distribution, and marketing of agricultural products including such scientific research as held for their purposes the establishment and maintenance of a permanent and officient agricultural industry, and such economic and social investigations and have for their purposes the development and improvement of the rural home and rural life. It is obvious from this statement, quoted loosely from language of one of the Federal mets pertaining to agricultural experiment stations, that the field of agricultural research is very broad.

A brief statement of the facilities for research of the Alabama Agricultural Experiment Station operated under the administration of the Alabama Polytechnic Institute follows:

The physical facilities include laboratories dealing with soils and crops, dairying, animal nutrition, horticulture and forestry, fart machinery, plant diseases, and insect posts. The farm area used in support of livestock and in presecution of field experiments with crops and fertilizers amounts to more than 200 acres.

A variety of soils under a wide range of climatic conditions make it necessary to have outlying experiments best to serve local conditions.

In 1927 five branch experiment stations were established to serve some of the major agricultural areas and soil types and a number of experiment fields to serve small and less important agricultural areas and soil types.

Typical examples of outstanding results from branch stations and experiment fields follow. No attempt is made to indicate the enermous scope of the experimental work carried on at the branch stations and experiment fields due to space limitations.

Black Belt Substation

The Black Belt Substation, located in Dallas County near Marion Junction, is the largest (1116 acres) of the five outlying stations. Most of the work done at this station deals with livestock production. On the area will be found the principal soil types of the Black Belt - Sunter, Oktibbeha, Eutaw, Vaiden, and Bell series.

A significant and important contribution made by Black Belt Substation is the discovery of a great deficiency of phospherus for practically all crops on all types of soil of the area. These non-productive soils may be the most productive when the proper use of fertilizer is made.

The next most important information developed is the adaptability of certain crops to particular soil types. Other important findings are that phosphate applications are essential for good pasture on all seil series and that phosphate and line are essential on acid lands of the Black Bolt for excellent pastures.

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The desirable plants to have in a well-fertilized pasture have been determined. One of the greatest drawbacks in livestock production is that of carrying cows through winter at a reasonable cost. At the Black Belt Substation experiments have been conducted which show that dead Johnson grass in the fall may be grazed by cows which greatly aids in the winter feed problem.

Tennessee Valley Substation

It is located at Belle Mina in Limestone County and contains 240 acres of red valley soils. The possibility of growing alfalfa and other perennial hay crops is among the most important experiments at this substation. It has been definitely proved that very high yields of these crops may be produced on average red land of the Valley. The addition of both lime and phosphate is necessary for alfalfa, but lespedeza may be grown quite satisfactorily with applications of phosphate only.

When the experiment station was started, it was not believed possible that heavy crops of vetch night be grown and turned under in time for a following cotton crop. However, every year since the station was established excellent crops of vetch (sufficient to produce a bale of cotton per acre) have been grown and turned under. This substation has determined what is necessary for production of good pastures in the area. The permanent pasture on the substation has lead many farmers to develop pastures of their own.

Sand Mountain Substation

This substation is located at Crossville in DeKalb County and contains 240 acres of land. The soil of practically the entire farm belongs to the Hartsells series, the predominating soil of the Sand Mountain area.

Among the very striking experiments conducted at this station are those concerning fertilizers for cotton and corn. Since the station was established average yields of a balo of cotton per acre and 35 bushels of corn have been maintained from use of 600 pounds per acre of a 6-8-4 fertilizer. These yields have been obtained without use of any soil-building crops.

In a soil-building program even higher yields than the above have been obtained. Cotton and corn are grown in a two-year rotation; the cotton is fortilized with 600 pounds of a 6-8-4 fortilizer and is followed by vetch in the fall with 600 pounds of 0-8-4 fortilizer. The vetch is turned in the spring for corn. No fertilizer of any kind is applied to the corn. The average yields of cotton and corn have been approximately 600 pounds seed cotton and 53 bushels of corn for the past ten years.

These figures illustrate the enormous possibility of crop production on typical Sand Mountain lands.

Wiregrass Substation

It is located at Headland, in Henry County, and contains 220 acres of land including soils belonging to the Norfolk and Orangeburg series.

Experiments on the Wiregrass Station are much the same as those on the Sand Mountain and Tennessee Valley stations. In addition, a hog production experiment has been in progress at this station for several years to deter-

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mine the cheapest method of producing hogs in this territory. The method that has finally been developed calls for the use of green cats as a grazing crop during the winter menths. This may be supplemented by waste products from the farm and by a small amount of corn. As soon as permanent pasture has developed some growth in the spring, all hogs are transferred to permanent pasture. From the permanent pasture they go on green seybeans about the first of July. Runner peanuts serve as the fattening and finishing crop. Under this procedure pigs are farrowed in the field and sold from the field. For several years in succession, hogs have been produced at less than three cents a pound on this program.

Gulf Coast Substation

It is located at Fairhopo in Baldwin County and contains 720 acres of land.

The work at this station is devoted principally to truck crops (varieties, fertilizer experiments, and crop rotations) and forestry. The cause of failure of truck crops on new ground has been found to be due to the almost complete absence of available phospherus in the soil and to the need of a much greater supply of nitrogen for the first year than for later years.

It has been found that large yields of cabbage can be made by increasing the amount of nitrogen rather than by applying an abnormally large supply of the three standard elements.

Experiments in commercial truck section of the State have shown that where little or no fertilizer follows the turning of summer legumes for two or three years, the continued use of the system of soil improvement involves summer legumes along with the normal application of fertilizer resulting in an increase of 76 bushels of potatoes and about 100 bushels of beans over normal applications of fertilizer without a legume.

Exporiment Fields

Experiments similar to those described above are conducted on most of the experiment fields. No detailed account of the findings to date on the experiment fields will be given due to insufficient space.

Main Station

Only typical projects conducted by the various departments will be listed. No attempt will be made to point out the results of these studies.

- 1. Effect of various sources of nitrogen on soil acidity.
- 2. The feasibility of including limestone in mixed fertilizers.
- 3. Experiments with various cropping systems for maximum crop production.
- 4. Wilt resistant strains of cotton for staple and yield improvement.
- 5. Factors affecting the length of staple of cotton.
- 6. Erosion control studies.
- 7. The development of improved types of farm machinery.
- 8. Mothods for curing moat.
- 9. Soil-conserving and soil-building crops.

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- 10. Mineral mixtures for hogs.
 11. Methods of cradication of nexious weeds.
 12. Forestry studies.
 13. Breeding of nematode-resistant beans.
 14. Method for detecting infertile eggs.



STATE SUMMARY

AGRICULTURAL ADJUSTMENT ADMINISTRATION

Approximately 95 per cent of the Alabama Farmers cooperated with the AMA in 1938 in earning \$25,977,397. In cooperating with the program they planted 617,932 acres of winter legumes, used 29,517 tons of superphosphate, 11,907 tons of lime, seeded 34,216 acres of pastures, and terraced approximately 150,000 acres. The conservation features of the program are receiving special emphasis throughout the State. Progress in this direction is shown by the fact that in a number of counties the farmers are looking to the AAA program as an aid in adopting soil conservation practices rather than a program of crop control. This attitude is rapidly spreading throughout the State.

The confidence of the people in the program is indicated by the fact that the voting for the programs for the following years have been as follows:

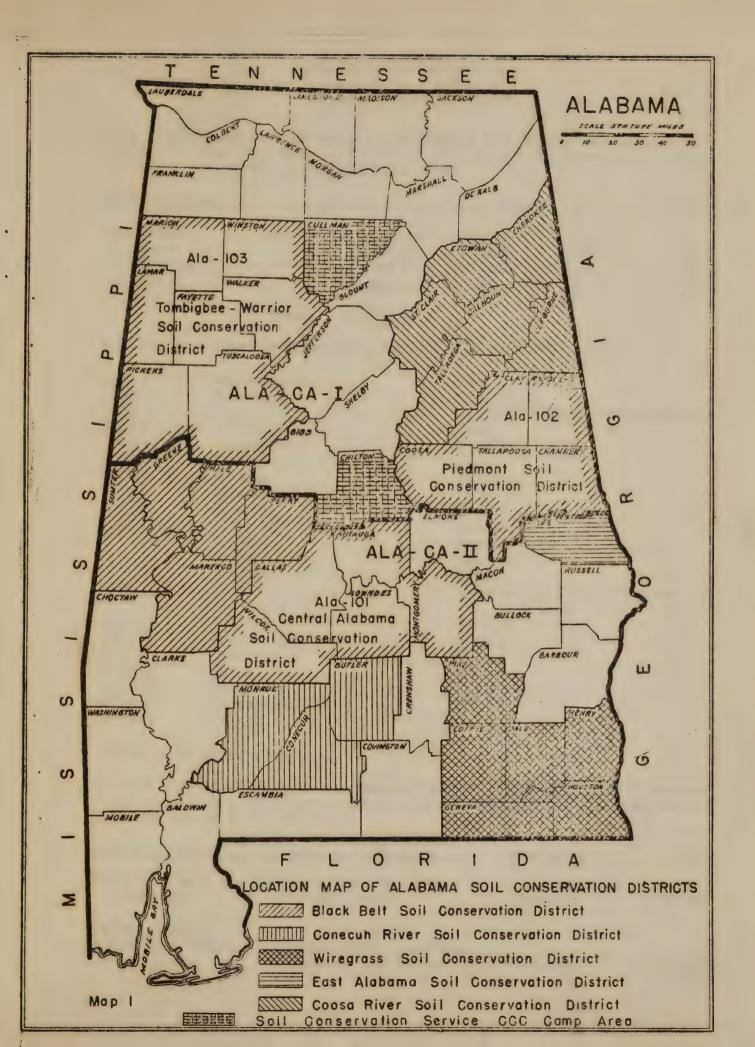
Per cent in favor

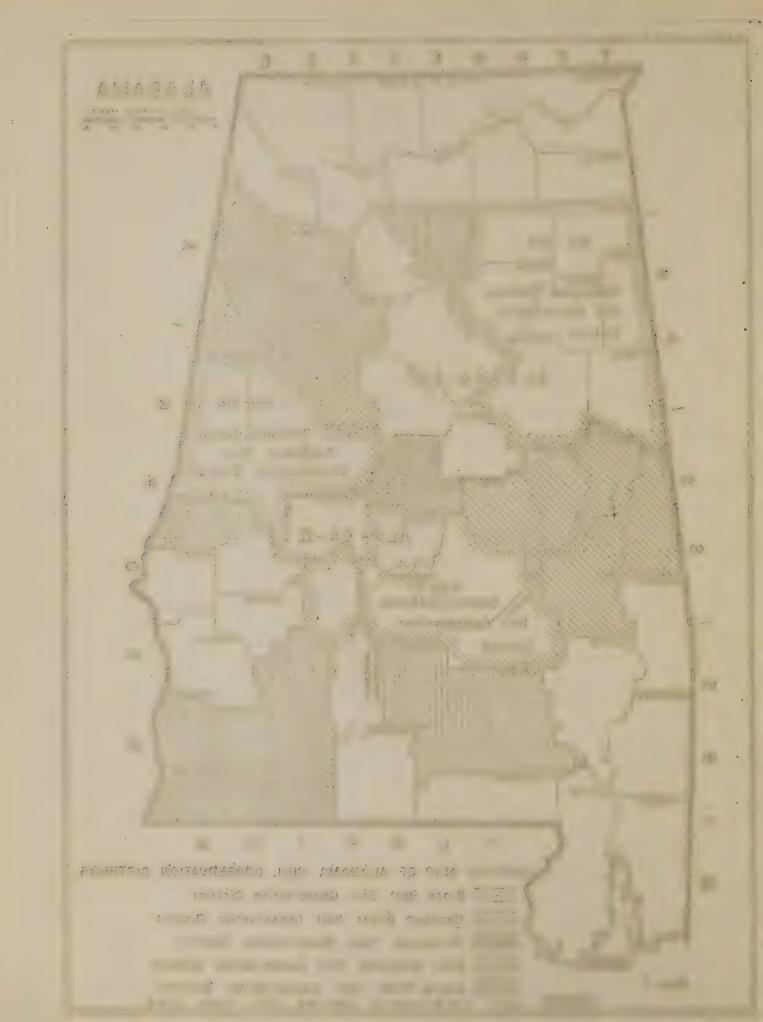
1940	95.0
1939	91.1
1938	95-8

The amount of money earned under class 2 payments for the past three years has been as follows:

1938	\$2,353,764.00
1937	1,249,472.00
1936	1.749.452.00

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SOIL CONSERVATION SERVICE

Summary of Activities

Soil Conservation work by the U.S. Government was begun in Alabama in the Spring of 1934. Following is a list of various soil conservation activities which the Service has undertaken since 1934:

Name of Project		Area		County	Date
Dadeville Anniston Greenville Marion	Approx.	118,000 35,000 35,000 31,000	ac.	Tallapoosa & Chambers Calhoun Butler Perry	1934 1935 1935 1937
	Total	219,000	ac.		

SCS -CCC camp demonstrations are located in the following counties:

*SCS-1	Gainesville	Sumter
*SCS-2	Dadeville	Tallapoosa
₩SCS-3	Camp Hill	Parts of Tallapoosa & Chambers
*SCS-4	Brundidge	Pike
*SCS-5	Campalitan	. Pickens
*SCS-6	Greensboro	Hale
*SCS-7	Clanton	Chilton
*SCS-8	Alexandria	Calhoun
*SCS-9	Auburn	Lee
%SCS-10	Greenville	Butler
*SCS-11	Linden	
*SCS-12	CLAYTON	Marengo
*SCS-13	Ashland	Barbour
*SCS-14	Dothan	Clay
	Doctian	Houston and parts of Geneva, Dale
*SCS-15	Culling	and Henry
*SCS-16	Cullman	Cullman
	Monroeville	Monroe
*SCS-17	Hamilton	Marion
*SCS-18	Eutaw	Greene
*SCS-19	Talladega	Talladega
*SCS-20	Evergreen	Conecuh
*SCS-21	Roanbke	Randolph

^{*}Camps moved or abandoned

The Soil Conservation Service is cooperating with the following soil conservation districts established in Alabama by authority of the Soil Conservation Districts Act of March 18, 1939:

Name of District	Counties in District	Headquarters	Area
Black Belt Soil Cons. Dist.	Greene, Hale, Marengo, Perry and Sumter	Demopolis	2,490,880 ac.
Central Alabama Soil Cons. Dist.	Autauga, Dallas, Lowndes, Montgomery, and Wilcox	Montgomery	2,547,840 ac.

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Name of District	Counties in District	Headquarte	rs Area
Conecuh River Soil Cons. Dist.	Butler, Conecuh, and Monroe	Greenville	1,679,360 ac.
Coosa River Soil Cons. Dist.	Calhoun, Cherokee, Claburne, Etowah, St. Clair and Talladega	Anniston	2,370,560 ac.
East Alabama Soil Cons. Dist.	Lee	Opelika	398,080 ac.
Piedmont Soil Cons. Dist.	Randolph, Tallapoosa Chambers, Clay, Coosa	Dadeville	2,069,760 ac.
Tombigbee-Warrior Soil Cons. Dist.	Lamar, Fayette, Marion, Walker, Winston, Pickens and Tuscaloosa	Winfield	3,603,200 ac.
Wiregrass Soil Cons. Dist.	Coffee, Dale, Geneva, Henry, Houston & Pike	Ozark	2,322,560 ac.
	Total		17,482,240

The following Land Utilization Projects are located in Alabama:

Name	Approx, Acreage	Location
Tuskegee	10,400	Macon County
West Alabama	87,000	Hale, Bibb, Perry & Tuscaloosa
	•	Counties.
Pea River	34,500	Dale and Coffee Counties
Sougahatchee	37,000	Lee County

Farm plans providing for operations by the Soil Conservation Service projects and SCS-CCC camps have been drawn up in cooperation with 2736 farmers on 509,382 acres in Alabama, these figures being as of December 31, 1939.

As of May 31, 1940, 880 farm plans on 177,116 acres had been prepared by Soil Conservation districts.

Listed below are a few of the important erosion control measures which have been established on farms cooperation with the Soil Conservation Service projects and CCC camps:*

Annual strip cropping (acres)	51;024
Perennial strips planted (acres)	10,943
Total Area planted to Lespedeza sericea (acres)	2;361
Total area planted to Kudzu (acres)	16,431
Seeding and/or fertilizing of pastures(acres)	9,652
Contour furrowing in pastures (acres)	4,588
Acres terraced	141,018
Terrace outlet channels controlled by vegetation (lin.ft.).	2,621,188

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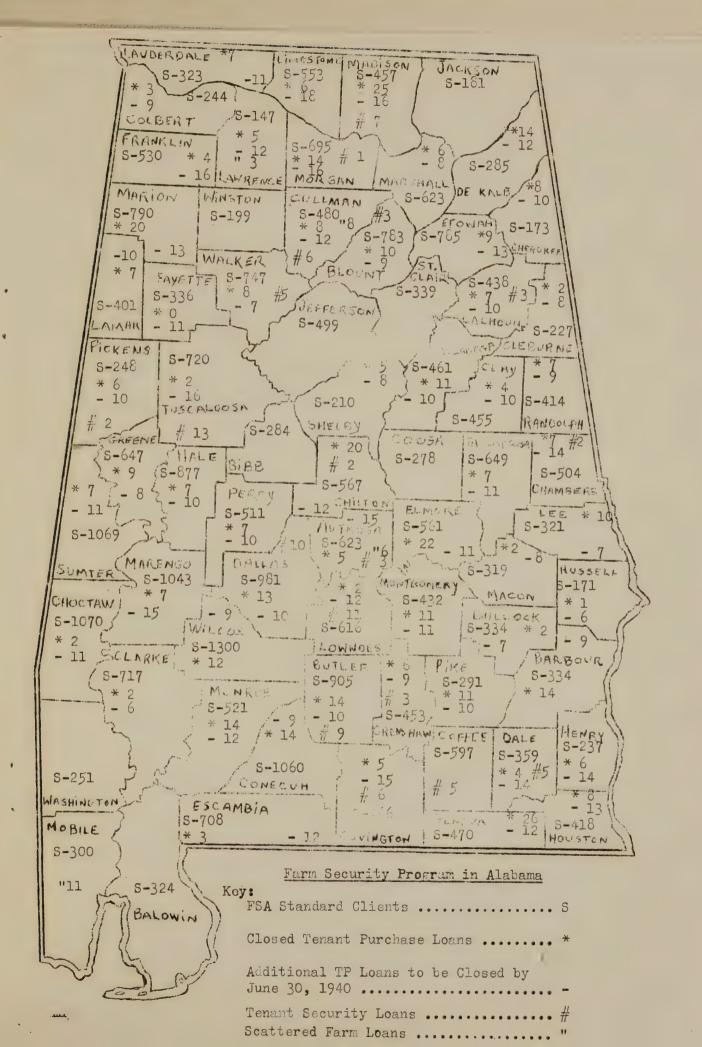
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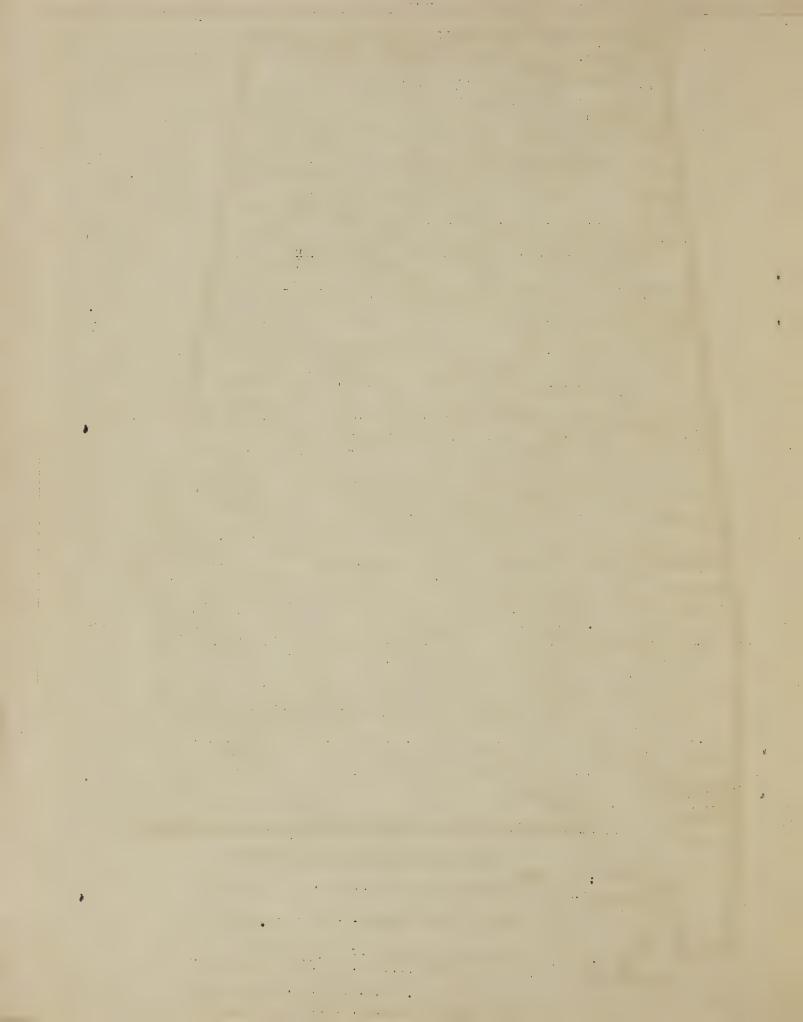
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Meadow terrace outlets established (number) Number temporary dams built	· 963 936 , 826
Wildlife plantings: Borders seeded (lin. ft.) Number of shrubs planted	539;950 765,811
Forestry work:	
New pine plantings: Acres Number of trees planted Black Locust plantings:	19,589 29,455,622
Acres	2,091
Number of trees planted	4,223,190 5,364
Highway erosion control work: Number of agreements Miles completed	23 26

*These figures were compiled as of December 31,1939.





LAND-USE PLANNING IN ALABAMA

Memorandum of Understanding and Project Agreement. -- A memorandum of understanding between the Alabama Polytechnic Institute and the U.S. Department of Agriculture, and a project agreement setting out the details of the project have been signed as a basis for the Land-Use Planning Project in Alabama.

Personnel. -- A State staff, consisting of project leader, assistant project leader, three field men, one statistical clerk, and one secretary was organized in January to carry out the project.

Bureau of Agricultural Economics. -- The Bureau of Agricultural Economics is represented in Alabama by Foy Helms, who has worked in close cooperation with the staff at all times.

Office. -- The State Extension Service has furnished office space for the staff, and has recently assigned a building for the exclusive use of the State Representative of the BAE and the Land-Use Planning Staff.

Plan. -- The work of the project has been carried out in accordance with Work Outline No. 1, prepared jointly by the agencies of the U. S. Department of Agriculture concerned with land-use planning.

Training of Field Men. -- Before starting work in the field, the three field men were given training in the State Office in procedure, preparation and use of materials, cropping systems, statistics, and other details. Their training also included lectures and field trips to study soils, attendance at meetings conducted by the Experiment Staff at substations, grouping of all three field men for work in the same community, and weekly conferences.

Division of Counties. -- One field man was assigned to each Extension Administrative district. The counties in each district were divided into two groups: intensive and non-intensive. Intensive counties are those selected for mapping work and non-intensive counties are those in which preliminary work only is to be done during the year.

Organization of Committees. -- County and Community Land-Use Planning Committees have been set up in all counties in the State with the exception of fourteen.

<u>Procedure.--(1)</u> Intensive Counties - The procedure for intensive counties is carried out in the following order:

- a. Visit to the County Agent by the Project Leader to explain the project.
- b. Meeting of all county professional workers for an explanation of the project.
- c. Training meeting of all committees, either separately or grouped,
- d. Two series of community committee meetings for mapping, description and classification.
- e. Meeting of the county committee for mapping.
- f. Two series of community committee meetings for recommendations.
- g. Meeting of the County Committee for recommendations.

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(2) Non-Intensive Counties - The work done in non-intensive counties consisted largely of the selection of committees and conferences of county professional workers.

Scope of Work in 1939. -- Land-use maps have been completed and reports compiled in four counties: Coffee, Etowah, Henry, and Lee. Work is in progress in ten other counties: Autauga, Baldwin, Hale, Jackson, Lawrence, Lowndes, Marion, Marshall, Pike, and Randolph. Demand by county agents for intensive work in other counties exceeds the present administrative facilities. The project has been explained to the county agents of all counties in the State. Meetings of county professional workers have been held in 47 counties.

Research. -- Research studies in analysis of AAA data and sociological factors are being carried out by the BAE under sub-project agreements between that agency and the Alabama Polytechnic Institute.

Federal and State Specialists. -- Valuable aid has been given by Federal and State specialists of the U.S. Department of Agriculture both in research and in the development and operation of the project.

Cooperation of Other Agencies. -- All agencies consulted have cooperated in a most helpful and cordial way. Personal aid, facilities, and information have been made available to the State Staff.

The Home Phase. -- To develop the home phase of the project, farm women have been added to county and community land-use planning committees. Special material dealing with the farm homes and family living aspects of the project has been prepared. Women workers have attended practically all the meetings of county professional workers.

Extension Specialists. -- Extension Specialists involved have been furnished information on land-use planning and their suggestions have been used. Briefs of information relative to the unified program of Lee County have been furnished to all specialists involved and in most cases they have submitted written suggestions.

Response of Committee. -- Members of county and community land-use planning committees have shown an intense interest in the project, and a practical knowledge of physical differences in the land and of conditions and problems of land-use. Their hearty cooperation and the results of their work have been gratifying.

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